



P. O. Box 525
Sonora, Texas 76950

April 23, 2012

The Natural Gas STAR Program
United States EPA (6207J)
1200 Pennsylvania Avenue, NW
Washington, DC 20460

RE: Natural Gas STAR Program Annual Report - 2011 - Production Section
HighMount Exploration & Production, LLC, Sonora, TX

Ms. Honabarger:

Enclosed is a copy of the 2011 Annual Report for HighMount E & P, LLC. The report includes additional reductions taken in 2011.

If you have any questions please contact me at (325) 387-7314.

Sincerely,

A handwritten signature in blue ink that reads "Ervin Fisher, Jr." with a stylized flourish at the end.

Ervin Fisher, Jr.
Environmental Specialist

cc: Danny Eaton, Manager, Region Production Operations
Ernest Johnson, Environmental & Safety Supervisor, HighMount E&P

Annual Report 2011



Production Sector

Company Information

Company Name: HighMount E & P, LLC

Contact: Danny Eaton

Title: Manager, Region Production Operations

Address: P.O. Box 618

City, State, Zip Code: Sonora, TX 76950

Telephone: (325) 387-7280

Fax: (325) 387-3245

E-mail: deaton@highmountep.com

Annual Report Summary

- ☐ BMP 1: Identify and replace high-bleed pneumatic devices
- ☐ BMP 2: Install flash tank separators on glycol dehydrators
- ☐ Partner Reported Opportunities (*please specify*):

Install plunger lifts,
Install electric motors on pumpjacks, Install solar chemical pumps,
Install instrument air system, and eliminate unnecessary equipment.

Period covered by report: From: 01/01/2011 To: 12/31/2011

Partner Signature Required:

I hereby certify the accuracy of the data contained in this report.

Danny Eaton

4-20-12

Date

- Because the implementation of some technologies reduces emissions for multiple years, Natural Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Natural Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.
- In addition to reporting methane emissions reductions, you are welcome to include other information about your company's participation in Natural Gas STAR in the "Additional Program Accomplishments" section of this form. The Natural Gas STAR Program will use any information entered in this section to recognize the efforts and accomplishments of outstanding partners.



Production Sector Annual Report

OMB Control No. 2060-0328
Expires 07/31/2011

BMP 1: Identify and Replace High-Bleed Pneumatic Devices

Current Year Activities

A. Facility/location identifier information: Sonora Operations

B. Facility summary:

Number of devices replaced: 0 devices

Percent of system now equipped with
low/no-bleed units: 51 %

C. Cost summary:

Estimated cost per replacement
(including equipment and labor): \$ N/A /replacement

D. Methane emissions reduction: 0 Mcf

E. Are these emissions reductions a one-year reduction or a
multi-year reduction? ☐ One-year ☐ Multi-year

If Multi-year:

☐ Partner will report this activity once and let EPA
automatically calculate future emission reductions based on
sunset date duration (BMP 1 has a sunset period of 7 years).

☐ Partner will report this activity annually up to allowed
sunset date.

Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations

☐ Standard calculation

*Methane emissions reduction = [Annual emissions from high-bleed
devices being replaced (in Mcf/yr) - Annual emissions for the
replacement devices (in Mcf/yr)] x Number of devices replaced*

Please specify your data source:

- ☐ Field measurement
☐ Manufacturer specifications

☐ Calculation using default

Methane emissions reduction = 124 Mcf/yr x Number of devices replaced

☐ Other (please specify):

F. Total value of gas saved: \$ 0

*Total value of gas saved = Methane emissions reduction (in Mcf) x
Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]*

G. How many high-bleed
devices do you plan to
replace next year?

TBD devices

Previous Years' Activities

Use the table below to report any past activities implemented, but not previously reported to the Natural Gas STAR Program

Year	# Devices Replaced	Total Cost of Replacements (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

BMP 1 Comments: Please use the back of the page for additional space if needed.



Production Sector Annual Report

OMB Control No. 2060-0328
Expires 07/31/2011

BMP 2: Install Flash Tank Separators on Glycol Dehydrators

Current Year Activities

A. Facility/location identifier information: Sonora Operations

B. Facility summary:

Number of flash tank separators installed: 0 separators

Percent of dehydrators in system equipped with flash tank separators: 100 %

C. Cost summary:

Estimated cost per flash tank separator installation (including equipment and labor): \$ N/A /installation

D. Methane emissions reduction: 0 Mcf

E. Are these emissions reductions a one-year reduction or a multi-year reduction? ☐ One-year ☐ Multi-year

If Multi-year:

☐ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration (BMP 2 has a sunset period of 10 years).

☐ Partner will report this activity annually up to allowed sunset date.

Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations

☐ Standard calculation

Methane emissions reduction per flash tank installation = [TEG circulation rate (in gal/hr) x Methane entrainment rate (in scf/gal) x hours of operation (in hrs/yr) x 0.90] / 1,000*

**If methane entrainment rate is not known, use a default value of 3 scf/gal for energy exchange pumps or 1 scf/gal for electric pumps*

Please specify your data source:

- ☐ Field measurement
☐ Manufacturer specifications

☐ Calculation using default

Methane emissions reduction = [Average gas throughput (in MMcf/yr) x 170 scf/MMcf x 0.90] / 1,000

☐ Other (please specify):

F. Total value of gas saved: \$ 0

Total value of gas saved = Methane emissions reduction (in Mcf) x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

G. How many flash tank separators do you plan to install next year? TBD

flash tank separators

Previous Years' Activities

Use the table below to report any past activities implemented, but not previously reported to the Natural Gas STAR Program

Year	# Flash Tank Separators Installed	Total Cost of Installation (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

BMP 2 Comments: Please use the back of the page for additional space if needed.



Production Sector Annual Report

OMB Control No. 2060-0328
Expires 07/31/2011

Partner Reported Opportunities (PROs)

For more details on PROs, visit epa.gov/gasstar/tools/recommended.html

Current Year Activities

A. Facility/location identifier information: Sonora Operations

B. Activity description: Please provide a separate PRO reporting form for each activity reported. If reporting a DI&M activity, please use a separate page for each location/facility surveyed.

Please specify the technology or practice that was implemented (choose from the list in the appendix or describe your own):

Install Plunger Lifts

Please describe how your company implemented this activity:

A well is selected for this PRO based on its ability to remove water.

C. Level of Implementation (check one):

- ☐ Number of units installed: 146 units
☐ Frequency of practice: _____ times/year

D. Are emissions reductions a one-year reduction or a multi-year reduction? ☐ One-year ☒ Multi-year

If Multi-year:

☒ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration*.

☐ Partner will report this activity annually up to allowed sunset date.

E. Methane emissions reduction: 93440 Mcf

F. Cost summary: Estimated cost of implementing this practice/activity (including equipment and labor): \$ 8000

Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations

- ☐ Actual field measurement
☒ Calculation using manufacturer specifications/other source

☐ Other (please specify):

G. Total value of gas saved: \$ 364416

Total value of gas saved = Methane emissions reduction (in Mcf)
x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

H. To what extent do you expect to implement this practice next year?

TBD

Previous Years' Activities

Use the table below to report any past implementation of this PRO, but not previously reported to Natural Gas STAR

Year	Frequency of Practice/Activity or # of Installations	Total Cost of Practice/Activity (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

PRO Comments: Please use the back of the page for additional space if needed.

*Because the implementation of some technologies reduces emissions for multiple years, Natural Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Natural Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.



Production Sector Annual Report

OMB Control No. 2060-0328
Expires 07/31/2011

Partner Reported Opportunities (PROs)

For more details on PROs, visit epa.gov/gasstar/tools/recommended.html

Current Year Activities

A. Facility/location identifier information: Sonora Operations

B. Activity description: Please provide a separate PRO reporting form for each activity reported. If reporting a DI&M activity, please use a separate page for each location/facility surveyed.

Please specify the technology or practice that was implemented (choose from the list in the appendix or describe your own):

Install electric motors on Pump Jacks

Please describe how your company implemented this activity:

If a location uses a pump jack and electricity is available.

C. Level of Implementation (check one):

- ☒ Number of units installed: 5 Units
☐ Frequency of practice: _____ times/year

D. Are emissions reductions a one-year reduction or a multi-year reduction? ☐ One-year ☒ Multi-year

If Multi-year:

☒ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration*.

☐ Partner will report this activity annually up to allowed sunset date.

E. Methane emissions reduction: 7300 Mcf

F. Cost summary: Estimated cost of implementing this practice/activity (including equipment and labor): \$5000 + electricity

Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations

- ☐ Actual field measurement
☒ Calculation using manufacturer specifications/other source

☐ Other (please specify):

G. Total value of gas saved: \$28470

Total value of gas saved = Methane emissions reduction (in Mcf)
x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

H. To what extent do you expect to implement this practice next year?
TBD

Previous Years' Activities

Use the table below to report any past implementation of this PRO, but not previously reported to Natural Gas STAR

Year	Frequency of Practice/Activity or # of Installations	Total Cost of Practice/Activity (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

PRO Comments: Please use the back of the page for additional space if needed.

*Because the implementation of some technologies reduces emissions for multiple years, Natural Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Natural Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.



Production Sector Annual Report

OMB Control No. 2060-0328
Expires 07/31/2011

Partner Reported Opportunities (PROs)

For more details on PROs, visit epa.gov/gasstar/tools/recommended.html

Current Year Activities

A. Facility/location identifier information: Sonora Operations

B. Activity description: Please provide a separate PRO reporting form for each activity reported. If reporting a DI&M activity, please use a separate page for each location/facility surveyed.

Please specify the technology or practice that was implemented (choose from the list in the appendix or describe your own):

Install solar chemical pumps.

Please describe how your company implemented this activity:

A location is selected based on cost and application.

C. Level of Implementation (check one):

- ☒ Number of units installed: 175 units
☐ Frequency of practice: _____ times/year

D. Are emissions reductions a one-year reduction or a multi-year reduction? ☐ One-year ☒ Multi-year

If Multi-year:

☒ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration*.

☐ Partner will report this activity annually up to allowed sunset date.

E. Methane emissions reduction: 17500 Mcf

F. Cost summary: Estimated cost of implementing this practice/activity (including equipment and labor): \$ 1800

Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations

- ☐ Actual field measurement
☒ Calculation using manufacturer specifications/other source

☐ Other (please specify):

G. Total value of gas saved: \$ 68250

Total value of gas saved = Methane emissions reduction (in Mcf)
x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

H. To what extent do you expect to implement this practice next year?

TBD

Previous Years' Activities

Use the table below to report any past implementation of this PRO, but not previously reported to Natural Gas STAR

Year	Frequency of Practice/Activity or # of Installations	Total Cost of Practice/Activity (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

PRO Comments: Please use the back of the page for additional space if needed.

*Because the implementation of some technologies reduces emissions for multiple years, Natural Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Natural Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.



Production Sector Annual Report

OMB Control No. 2060-0328
Expires 07/31/2011

Partner Reported Opportunities (PROs)

For more details on PROs, visit epa.gov/gasstar/tools/recommended.html

Current Year Activities

A. Facility/location identifier information: Sonora Operations

B. Activity description: Please provide a separate PRO reporting form for each activity reported. If reporting a DI&M activity, please use a separate page for each location/facility surveyed.

Please specify the technology or practice that was implemented (choose from the list in the appendix or describe your own):

Install instrument air system

Please describe how your company implemented this activity:

If a location has electrical service then it is evaluated for addition of an air compressor

C. Level of Implementation (check one):

- ☒ Number of units installed: 5 units
☐ Frequency of practice: _____ times/year

D. Are emissions reductions a one-year reduction or a multi-year reduction? ☐ One-year ☒ Multi-year

If Multi-year:

☒ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration*.

☐ Partner will report this activity annually up to allowed sunset date.

E. Methane emissions reduction: 118260 Mcf

F. Cost summary: Estimated cost of implementing this practice/activity (including equipment and labor): \$ 36980/unit

Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations

- ☐ Actual field measurement
☒ Calculation using manufacturer specifications/other source

☐ Other (please specify):

G. Total value of gas saved: \$ 461214

Total value of gas saved = Methane emissions reduction (in Mcf)
x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

H. To what extent do you expect to implement this practice next year?
TBD

Previous Years' Activities

Use the table below to report any past implementation of this PRO, but not previously reported to Natural Gas STAR

Year	Frequency of Practice/Activity or # of Installations	Total Cost of Practice/Activity (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

PRO Comments: Please use the back of the page for additional space if needed.

*Because the implementation of some technologies reduces emissions for multiple years, Natural Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Natural Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.



Production Sector Annual Report

OMB Control No. 2060-0328
Expires 07/31/2011

Partner Reported Opportunities (PROs)

For more details on PROs, visit epa.gov/gasstar/tools/recommended.html

Current Year Activities

A. Facility/location identifier information: _____

B. Activity description: Please provide a separate PRO reporting form for each activity reported. If reporting a DI&M activity, please use a separate page for each location/facility surveyed.

Please specify the technology or practice that was implemented (choose from the list in the appendix or describe your own):

Eliminate unnecessary equipment

Please describe how your company implemented this activity:

Consolidation of equipment is used when available.

C. Level of Implementation (check one):

- ☒ Number of units installed: 1 / 4 units
☐ Frequency of practice: _____ times/year
1- Dehydrator 4- Compressors

D. Are emissions reductions a one-year reduction or a multi-year reduction? ☒ One-year ☐ Multi-year

If Multi-year:

- ☐ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration*.
☐ Partner will report this activity annually up to allowed sunset date.

E. Methane emissions reduction: 7605 Mcf

F. Cost summary: Estimated cost of implementing this practice/activity (including equipment and labor): \$ 5000 - 10000

Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations

- ☐ Actual field measurement
☒ Calculation using manufacturer specifications/other source

☐ Other (please specify): _____

G. Total value of gas saved: \$ 29660

Total value of gas saved = Methane emissions reduction (in Mcf)
x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

H. To what extent do you expect to implement this practice next year?
TBD

Previous Years' Activities

Use the table below to report any past implementation of this PRO, but not previously reported to Natural Gas STAR

Year	Frequency of Practice/Activity or # of Installations	Total Cost of Practice/Activity (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

PRO Comments: Please use the back of the page for additional space if needed.

*Because the implementation of some technologies reduces emissions for multiple years, Natural Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Natural Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.



Production Sector Annual Report

OMB Control No. 2060-0328
Expires 07/31/2011

Additional Program Accomplishments

The Natural Gas STAR Program will use any information entered here to recognize the efforts and achievements of outstanding partners.

Please include any additional information you would like to share about your company's participation in Natural Gas STAR. Examples may include:

- Activities to strengthen your program (e.g., training/education, innovative technologies or activities, pilot projects, employee incentive programs).
- Efforts to communicate your participation and successes (e.g., internal newsletters, press releases, company website).
- Participation in Natural Gas STAR program activities (e.g., contributions to case studies, presentation at annual workshop).

Additional Accomplishments:

No additional activities identified.

Additional Accomplishments Comments: Please use the back of the page for additional space if needed.



Production Sector Annual Report

OMB Control No. 2060-0328
Expires 07/31/2011

Appendix

Methane Emission Reduction Technologies & Practices— Production Sector

The list below describes a variety of methane emission reduction technologies that Natural Gas STAR partners in the production sector have implemented and reported to Natural Gas STAR. You may use this list as a guide when completing your annual report. ***Sunset dates (i.e., the length of time a technology or practice can continue to accrue emission reductions after implemented) are one year in duration unless otherwise noted in parentheses.*** An asterisk (*) indicates that a technical document related to the technology or practice is available online at epa.gov/gasstar/tools/recommended.html.

Compressors/Engines

- Automate compressor systems operation to reduce venting
- Catalytic converter installation (10 years)
- Convert to low pressure compressor starters (10 years)
- Eliminate unnecessary equipment and/or systems*
- Increase compression capacity to reduce venting/flaring
- Install automated air/fuel ratio controls (10 years)*
- Install electric compressors (10 years)*
- Install electric motors (10 years)
- Install electric motor starters (10 years)*
- Install lean burn compressor (10 years)
- Lower compressor purge pressure for shutdown
- Perform gas recovery using slipstream (10 years)
- Redesign blowdown/alter ESD practices*
- Reduce emissions when taking compressors offline*
- Reduce gas venting with fewer compressor engine startups and improved engine ignition*
- Replace compressor cylinder unloaders (10 years)*
- Replace gas starters with air or nitrogen (10 years)*
- Turbine fuel use optimization

Dehydrators

- Convert pneumatics to mechanical controls (10 years)*
- Install condensers on glycol dehydrators (10 years)
- Install flash tank separators on glycol dehydrators (10 years)*
- Reduce glycol circulation rates in dehydrators*
- Replacing glycol dehydrators with desiccant dehydrators (10 years)*
- Reroute dehydrator/tank vents to flare or station suction (10 years)*
- Reroute glycol skimmer gas*
- Shutdown glycol dehydrator stripping gas in winter
- Use rich glycol in glycol pumps

Directed Inspection and Maintenance

- DI&M at compressor stations*
- DI&M: leak detection using IR camera/optical imaging*

- DI&M: leak detection using lower emission threshold
- DI&M: survey and repair leaks*

Pipelines

- Inject blowdown gas into low pressure mains or fuel gas system*
- Pipeline replacement and repair
- Use hot taps for in-service pipeline connections*
- Use pipeline pump-down techniques to lower gas line pressure before maintenance*

Pneumatics/Controls

- Capture/use gas released from gas-operated pneumatic pumps
- Convert gas pneumatic controls to instrument air (10 years)*
- Convert natural gas-driven chemical pumps (10 years)*
- Convert pneumatics to mechanical controls (10 years)*
- Identify and replace high-bleed pneumatic devices (7 years)*
- Install controllers on gas-assisted methanol pump (10 years)
- Install/convert gas powered separators to solar powered separators (10 years)
- Install no bleed controllers (10 years)
- Install non-venting dump controllers (10 years)
- Reduce gas pressure on pneumatic devices
- Reduce venting from unlit pilot: install electronic safety devices (10 years)*
- Replace bi-directional orifice meter with ultrasonic meters*
- Replace chemical pumps with electronic flow controllers (10 years)
- Use add-on controls to reduce emissions from pneumatics (10 years)

Tanks

- Change out vent pallet (10 years)
- Convert water tank blanket from natural gas to CO₂ (10 years)*
- Eliminate unnecessary equipment and/or systems*

Appendix (continued)

Tanks

- Install evactors (10 years)
- Install flash gas compressors (10 years)
- Install hydrocarbon liquid stabilizer (10 years)
- Install pressurized storage of condensate (10 years)*
- Install vapor recovery units (VRUs) on storage tanks (10 years)*
- Install VRUs on pipeline liquid/condensate tanks (10 years)
- Recover gas during condensate loading*
- Reduce excess blanket gas blow-by to the atmosphere
- Replace leaking above-ground tanks (10 years)
- Route gas to compressor suction/blowcase vessel (10 years)
- Use protective tank coatings to reduce leaks (10 years)

Valves

- Heat tracing to prevent control valves from freezing open
- Install BASO® valves (10 years)*
- Install plugs on valves and open ended lines (10 years)
- Test and repair pressure safety valves*

Wells

- Artificial lift: gas lift (10 years)
- Artificial lift: install plunger lifts (10 years)*
- Artificial lift: install pumpjacks or rod pumps on gas wells (10 years)*
- Artificial lift: install smart lift automated systems on gas wells (10 years)*
- Artificial lift: install velocity tubing strings (10 years)*
- Artificial lift: pressure swabbing
- Artificial lift: use capillary strings (10 years)

- Artificial lift: use compression (10 years)
- Artificial lift: use pumping unit (10 years)
- Artificial lift: use to reduce blowdown in gas wells (10 years)*
- Install automated shut-in cycle units to reduce well venting (10 years)
- Install flash tank separator on water gathering system (10 years)
- Install pumps for separators (10 years)
- Install snubbing unit at wellhead
- Install soap launcher/soap unit (10 years)
- Lower heater-treater temperature
- Optimize gas well unloading times
- Perform reduced emissions completions for hydraulically fractured natural gas wells*
- Route casinghead gas to VRU or compressor (10 years)*
- Use foaming agents to reduce blowdown frequency*

Other

- Capture and use waste heat to reduce gas usage and emissions
- Convert natural gas-fired generator to solar power (10 years)
- Flare reduction program
- Improve system design/operation
- Install flares (10 years)*
- Install pilotless burner controls (10 years)
- Install purge reducer on flare (10 years)
- Nitrogen rejection unit optimization*
- Recover gas from separators
- Re-inject gas for enhanced oil recovery
- Re-inject gas into crude
- Replace aged heaters with new efficient gas fired heaters (10 years)

Mailing Information:

Standard Mail:

The Natural Gas STAR Program
U.S. EPA (6207J)
1200 Pennsylvania Ave, NW
Washington, DC 20460
U.S.A.

Express/Overnight Mail:

The Natural Gas STAR Program
U.S. EPA (6207J)
1310 L Street, NW
Washington, DC 20005
U.S.A.

The public reporting and recordkeeping burden for this collection of information is estimated to average 60 hours for each new response and 27 hours for subsequent responses. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.